

# Phoenix Gold®



## COAXIAL LOUDSPEAKER MANUAL MANUEL DE COAXIAL

Models: R4CX, R46CX, R5CX R57CX, R65CX, R69CX

### Features

- **LAMINATE-TREATED PAPER CONE** - Advanced laminating process produces excellent stiffness to weight ratio, superior damping qualities
- **19mm BALANCED DRIVE TWEETER** - Excellent reproduction of high frequencies
- **POLYIMIDE VOICE COIL FORMER** - High temperature light-weight voice coil structure for increased sensitivity
- **TRIPLE-LAYER UV TREATED FOAM SURROUND** - Premium design for long term reliability
- **RIGID POWDER COATED STEEL FRAME** - Designed for precise motor alignment

**BASIC INSTALLATION** Selecting the placement of your new R Coaxial speakers could be as easy as using the existing factory locations or may require you to create a new location. Speaker placement in the door, dash, or rear deck is the most common. See your local Phoenix Gold Dealer for additional location and mounting assistance.

### DOORS / REAR DECK

1. Many vehicles already have factory locations (Figure 1) to house the "DROP IN" feature of the R Coaxial speakers. If no existing locations are available or are not used, check the desired location for adequate cutout area and any depth obstructions. Make sure to allow sufficient clearance for window tracks, structural braces, trunk lid springs, etc.
2. Assuming enough area and depth is available, use the provided template and trace the speaker cutout and mounting holes onto the surface of the mounting location.
3. If the mounting surface is not structurally strong enough to accommodate screws, (i.e. plastic, cardboard) use the provided speed clips which will act as a nut for the supplied screws.
4. Always provide water protection, if not supplied in the vehicle. We suggest using a rain shield or equivalent. If in doubt, please contact your Phoenix Gold Dealer.

### SPEAKER INSTALLATION WITHOUT GRILL

Phoenix Gold has provided a foam mounting gasket. When installing your new component speakers in a factory location make sure to use the foam mounting gasket as shown in figure 1. For reverse mounted speakers place the foam gasket in front of the speaker. This will ensure an air tight seal for your R speakers.

For more custom applications, or cases where the factory grill will not be used, a high excursion protective grill has been provided. When installing your new component speakers with the provided R grill use figure 2.

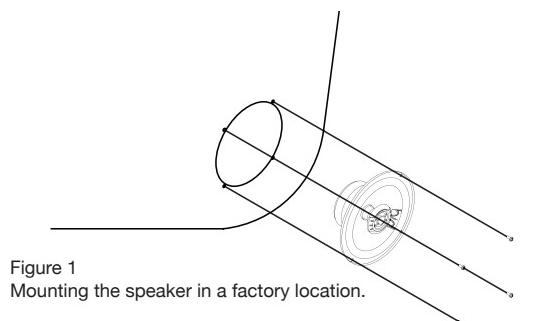


Figure 1  
Mounting the speaker in a factory location.

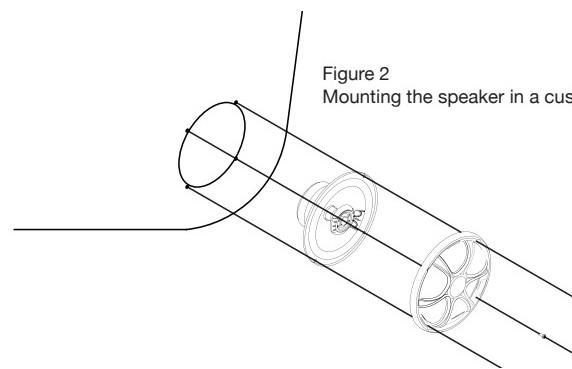


Figure 2  
Mounting the speaker in a custom application.

**SPECIFICATIONS:** Due to continual product improvement, all specifications subject to change without notice.

T/S Parameters	R4CX	R46CX	R5CX	R57CX	R65CX	R69CX
RMS Power Handling (watts)	40W	40W	40W	50W	50W	60W
Peak Power Handling (watts)	80W	80W	80W	100W	100W	120W
Impedance (ohms)	4	4	4	4	4	4
Cut Out Dimension (mm) / in.	(93) 3.7	(143 X 88) 5.6 X 3.5	(120) 4.75	(188 X 131) 7.4 X 5.2	(144) 5.7	(221 X 154) 8.7 X 6.1
Mounting Depth (mm) / in.	(50) 2.0	(51.5) 2.1	(55) 2.2	(71) 2.8	(64) 2.5	(76) 3.0

## Pour Les Modele: R4CX, R46CX, R5CX, R57CX, R65CX, R69CX

### **INSTALLATION DE BASE**

La sélection de l'emplacement de vos nouveaux haut-parleurs coaxiaux R peut être aussi facile que l'utilisation des emplacements de fabrication ou peut nécessiter la création d'un nouvel emplacement. L'emplacement le plus courant est dans les portes, le tableau de bord ou à l'arrière du pont. Consultez votre concessionnaire Phoenix Gold pour un emplacement de montage supplémentaire et de l'assistance.

### **INSTALLATION DES HAUT-PARLEURS PORTES / PLAGE**

#### **ARRIÈRE**

1. De nombreux véhicules ont déjà des emplacements d'usine (Figure 1) pour la fonctionnalité "DROP IN" de la ligne coaxial R. Si aucun des emplacements existants n'est disponible ou s'ils ne sont pas utilisés, vérifier l'emplacement désiré pour la découpe adéquate et des obstacles en profondeur. Assurez-vous de laisser suffisamment de dégagement pour les pistes de la fenêtre, les ferrures structurales, l'amortisseur arrière, etc
2. En supposant qu'il y a suffisamment de surface et de profondeur, utiliser le modèle fourni et retracer la découpe du haut-parleur et les trous de montage sur la surface de l'emplacement de montage
3. Si la surface de montage n'a pas une structure suffisamment solide pour accueillir les vis, (par ex. plastique, carton) utiliser les clips rapides fournis qui serviront d'écrans pour les vis fournies
4. Toujours assurer la protection pour l'eau, si elle n'est pas fournie dans le véhicule. Nous vous suggérons d'utiliser une housse de pluie ou l'équivalent. En cas de doute, veuillez contacter votre revendeur Phoenix Gold.

### **INSTALLATION DU HAUT PARLEUR SANS GRILLES**

Phoenix Gold a fourni un joint statique de montage en mousse. Lors de l'installation de vos nouveaux haut-parleurs coaxiaux dans une usine, assurez-vous d'utiliser les joints statiques de montage en mousse comme le montre la figure 1. Pour les haut-parleurs montés à l'envers, placez le joint en mousse en face du haut-parleur. Ceci assurera un joint étanche à l'air pour vos haut-parleurs R.

### **INSTALLATION DU HAUT PARLEUR AVEC GRILLES**

Pour plus d'applications sur mesure, ou des cas où la grille d'usine n'est pas utilisée, une grille de protection de haute déviation a été fournie. Assurez-vous d'utiliser le joint en caoutchouc afin d'obtenir un joint étanche à l'air.

Lors de l'installation de vos nouveaux haut-parleurs coaxiaux avec la grille R fournie, utilisez la figure 2.

NB :Les spécifications sont sujettes à changer sans préavis en raison de l'amélioration continue du produit.

Figure 1

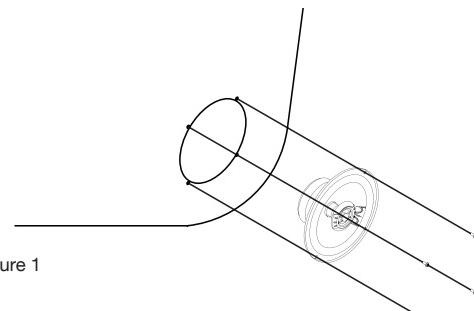
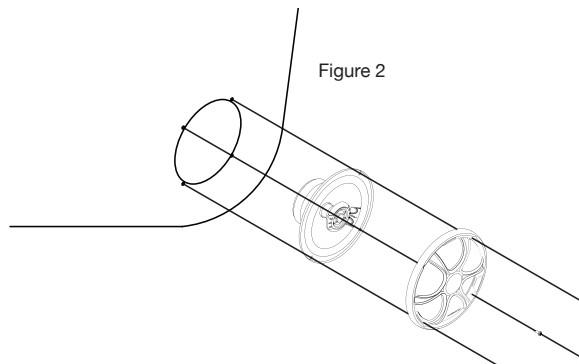


Figure 2



# *Phoenix Gold*

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Designed and Engineered in the USA

#### LIMITED WARRANTY

Phoenix Gold warrants this product to be free of defects in materials and workmanship for a period of one (1) year from the original date of purchase. This warranty is not transferable and applies only to the original purchaser from an authorized Phoenix Gold dealer in the United States of America only. Should service be necessary under this warranty for any reason due to manufacturing defect or malfunction, Phoenix Gold will (at its discretion), repair or replace the defective product with new or remanufactured product at no charge. Damage caused by the following is not covered under warranty: accident, misuse, abuse, product modification or neglect, failure to follow installation instructions, unauthorized repair attempts, misrepresentations by the seller. This warranty does not cover incidental or consequential damages and does not cover the cost of removing or reinstalling the unit(s). Cosmetic damage due to accident or normal wear and tear is not covered under warranty.

#### INTERNATIONAL WARRANTIES:

Products purchased outside the United States of America are covered only by that country's Authorized Phoenix Gold reseller and not by Phoenix Gold. Consumers needing service or warranty information for these products must contact that country's reseller for information.